



## Application Data Sheet

### Application Information

|                                  |                             |
|----------------------------------|-----------------------------|
| Application Type::               | Regular                     |
| Subject Matter::                 | Utility                     |
| CD-ROM or CD-R?::                | 1                           |
| Sequence submission?::           | YES - paper                 |
| Computer Readable Form (CRF)?::  | YES                         |
| Title::                          | 621 Human Secreted Proteins |
| Attorney Docket Number::         | PS904                       |
| Request for Early Publication?:: | No                          |
| Request for Non-Publication?::   | No                          |
| Small Entity?::                  | No                          |
| Petition included?::             | No                          |
| Secrecy Order in Parent Appl.?:: | No                          |

### Applicant Information

|   |                         |
|---|-------------------------|
| Applicant Authority Type::              | Inventor                |
| Primary Citizenship Country::           | US                      |
| Status::                                | Full Capacity           |
| Given Name::                            | Craig                   |
| Middle Name::                           | A.                      |
| Family Name::                           | Rosen                   |
| City of Residence::                     | Laytonsville            |
| State or Province of Residence::        | MD                      |
| Country of Residence::                  | US                      |
| Street of mailing address::             | 22400 Rolling Hill Lane |
| City of mailing address::               | Laytonsville            |
| State or Province of mailing address::  | MD                      |
| Postal or Zip Code of mailing address:: | 20882                   |

|                            |          |
|----------------------------|----------|
| Applicant Authority Type:: | Inventor |
|----------------------------|----------|

Primary Citizenship Country:: US  
 Status:: Full Capacity  
 Given Name:: Steven  
 Middle Name:: M.  
 Family Name:: Ruben  
 City of Residence:: Brookeville  
 State or Province of Residence:: MD  
 Country of Residence:: US  
 Street of mailing address:: 19420 Pyrite Lane  
 City of mailing address:: Brookeville  
 State or Province of mailing address:: MD  
 Postal or Zip Code of mailing address:: 20833

#### Correspondence Information

Correspondence Customer Number:: 22195

#### Representative Information

Representative Customer Number:: 22195

#### Domestic Priority Information

| Application::         | Continuity Type::       | Parent Application:: | Parent Filing Date:: |
|-----------------------|-------------------------|----------------------|----------------------|
| This Application is a | Continuation-in-part of | PCT/US02/08123       | 03/19/02             |
| PCT/US02/08123        | Continuation-in-part of | 10/100,683           | 03/19/02             |
| 10/100,683            | Non-provisional of      | 60/277,340           | 03/21/01             |
| 10/100,683            | Non-provisional of      | 60/306,171           | 07/19/01             |
| 10/100,683            | Non-provisional of      | 60/331,287           | 11/13/01             |
| 10/100,683            | Continuation-in-part of | 09/981,876           | 10/19/01             |
| 09/981,876            | Divisional of           | 09/621,011           | 07/20/00             |
| 09/621,011            | Continuation of         | 09/148,545           | 09/04/98             |
| 09/148,545            | Continuation-in-part of | PCT/US98/04482       | 03/06/98             |

|                |                         |                |          |
|----------------|-------------------------|----------------|----------|
| 10/100,683     | Continuation-in-part of | 09/621,011     | 07/20/00 |
| 09/621,011     | Continuation of         | 09/148,545     | 09/04/98 |
| 09/148,545     | Continuation-in-part of | PCT/US98/04482 | 03/06/98 |
| 10/100,683     | Continuation-in-part of | 09/148,545     | 09/04/98 |
| 09/148,545     | Continuation-in-part of | PCT/US98/04482 | 03/06/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/04482 | 03/06/98 |
| PCT/US98/04482 | Non-provisional of      | 60/040,162     | 03/07/97 |
| PCT/US98/04482 | Non-provisional of      | 60/040,333     | 03/07/97 |
| PCT/US98/04482 | Non-provisional of      | 60/038,621     | 03/07/97 |
| PCT/US98/04482 | Non-provisional of      | 60/040,161     | 03/07/97 |
| PCT/US98/04482 | Non-provisional of      | 60/040,626     | 03/07/97 |
| PCT/US98/04482 | Non-provisional of      | 60/040,334     | 03/07/97 |
| PCT/US98/04482 | Non-provisional of      | 60/040,336     | 03/07/97 |
| PCT/US98/04482 | Non-provisional of      | 60/040,163     | 03/07/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,615     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,600     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,597     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,502     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,633     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,583     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,617     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,618     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,503     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,592     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,581     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,584     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,500     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,587     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,492     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,598     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,613     | 05/23/97 |
| PCT/US98/04482 | Non-provisional of      | 60/047,582     | 05/23/97 |

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| PCT/US98/04482 | Non-provisional of | 60/047,596 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,612 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,632 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,601 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,580 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,568 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,314 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,569 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,311 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,671 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,674 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,669 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,312 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,313 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,672 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,315 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/048,974 | 06/06/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,886 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,877 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,889 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,893 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,630 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,878 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,662 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,872 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,882 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,637 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,903 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,888 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,879 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,880 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,894 | 08/22/97 |

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| PCT/US98/04482 | Non-provisional of | 60/056,911 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,636 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,874 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,910 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,864 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,631 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,845 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,892 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,595 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/057,761 | 09/05/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,599 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,588 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,585 | 05/23/97 |
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| PCT/US98/04482 | Non-provisional of | 60/047,590 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,594 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,589 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,593 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,614 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,578 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,576 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/047,501 | 05/23/97 |
| PCT/US98/04482 | Non-provisional of | 60/043,670 | 04/11/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,632 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,664 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,876 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,881 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,909 | 08/22/97 |
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| PCT/US98/04482 | Non-provisional of | 60/056,862 | 08/22/97 |
| PCT/US98/04482 | Non-provisional of | 60/056,887 | 08/22/97 |
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| PCT/US98/04482 | Non-provisional of      | 60/048,964     | 06/06/97 |
| PCT/US98/04482 | Non-provisional of      | 60/057,650     | 09/05/97 |
| PCT/US98/04482 | Non-provisional of      | 60/056,884     | 08/22/97 |
| 10/100,683     | Continuation-in-part of | 09/882,171     | 06/18/01 |
| 09/882,171     | Non-provisional of      | 60/190,068     | 03/17/00 |
| 09/882,171     | Continuation of         | 09/809,391     | 03/16/01 |
| 09/809,391     | Continuation-in-part of | 09/149,476     | 09/08/98 |
| 09/149,476     | Continuation-in-part of | PCT/US98/04493 | 03/06/98 |
| 10/100,683     | Continuation-in-part of | 09/809,391     | 03/16/01 |
| 09/809,391     | Non-provisional of      | 60/190,068     | 03/17/00 |
| 09/809,391     | Continuation-in-part of | 09/149,476     | 09/08/98 |
| 09/149,476     | Continuation-in-part of | PCT/US98/04493 | 03/06/98 |
| 10/100,683     | Continuation-in-part of | 09/149,476     | 09/08/98 |
| 09/149,476     | Continuation-in-part of | PCT/US98/04493 | 03/06/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/04493 | 03/06/98 |
| PCT/US98/04493 | Non-provisional of      | 60/040,161     | 03/07/97 |
| PCT/US98/04493 | Non-provisional of      | 60/040,162     | 03/07/97 |
| PCT/US98/04493 | Non-provisional of      | 60/040,333     | 03/07/97 |
| PCT/US98/04493 | Non-provisional of      | 60/038,621     | 03/07/97 |
| PCT/US98/04493 | Non-provisional of      | 60/040,626     | 03/07/97 |
| PCT/US98/04493 | Non-provisional of      | 60/040,334     | 03/07/97 |
| PCT/US98/04493 | Non-provisional of      | 60/040,336     | 03/07/97 |
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| PCT/US98/04493 | Non-provisional of      | 60/047,600     | 05/23/97 |
| PCT/US98/04493 | Non-provisional of      | 60/047,615     | 05/23/97 |
| PCT/US98/04493 | Non-provisional of      | 60/047,597     | 05/23/97 |
| PCT/US98/04493 | Non-provisional of      | 60/047,502     | 05/23/97 |
| PCT/US98/04493 | Non-provisional of      | 60/047,633     | 05/23/97 |
| PCT/US98/04493 | Non-provisional of      | 60/047,583     | 05/23/97 |
| PCT/US98/04493 | Non-provisional of      | 60/047,617     | 05/23/97 |
| PCT/US98/04493 | Non-provisional of      | 60/047,618     | 05/23/97 |
| PCT/US98/04493 | Non-provisional of      | 60/047,503     | 05/23/97 |

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| PCT/US98/04493 | Non-provisional of | 60/047,592 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,581 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,584 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,500 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,587 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,492 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,598 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,613 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,582 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,596 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,612 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,632 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,601 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,580 | 04/11/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,568 | 04/11/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,314 | 04/11/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,569 | 04/11/97 |
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| PCT/US98/04493 | Non-provisional of | 60/043,674 | 04/11/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,669 | 04/11/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,312 | 04/11/97 |
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| PCT/US98/04493 | Non-provisional of | 60/043,672 | 04/11/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,315 | 04/11/97 |
| PCT/US98/04493 | Non-provisional of | 60/048,974 | 06/06/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,886 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,877 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,889 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,893 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,630 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,878 | 08/22/97 |

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|----------------|--------------------|------------|----------|
| PCT/US98/04493 | Non-provisional of | 60/056,662 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,872 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,882 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,637 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,903 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,888 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,879 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,880 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,894 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,911 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,636 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,874 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,910 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,864 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,631 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,845 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/056,892 | 08/22/97 |
| PCT/US98/04493 | Non-provisional of | 60/057,761 | 09/05/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,595 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,599 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,588 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,585 | 05/23/97 |
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| PCT/US98/04493 | Non-provisional of | 60/047,594 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,589 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,593 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,614 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,578 | 04/11/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,576 | 04/11/97 |
| PCT/US98/04493 | Non-provisional of | 60/047,501 | 05/23/97 |
| PCT/US98/04493 | Non-provisional of | 60/043,670 | 04/11/97 |



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| PCT/US98/04493 | Non-provisional of      | 60/056,632     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/056,664     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/056,876     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/056,881     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/056,909     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/056,875     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/056,862     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/056,887     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/056,908     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/048,964     | 06/06/97 |
| PCT/US98/04493 | Non-provisional of      | 60/057,650     | 09/05/97 |
| PCT/US98/04493 | Non-provisional of      | 60/056,884     | 08/22/97 |
| PCT/US98/04493 | Non-provisional of      | 60/057,669     | 09/05/97 |
| PCT/US98/04493 | Non-provisional of      | 60/049,610     | 06/13/97 |
| PCT/US98/04493 | Non-provisional of      | 60/061,060     | 10/02/97 |
| PCT/US98/04493 | Non-provisional of      | 60/051,926     | 07/08/97 |
| PCT/US98/04493 | Non-provisional of      | 60/052,874     | 07/16/97 |
| PCT/US98/04493 | Non-provisional of      | 60/058,785     | 09/12/97 |
| PCT/US98/04493 | Non-provisional of      | 60/055,724     | 08/18/97 |
| 10/100,683     | Continuation-in-part of | 10/058,993     | 01/30/02 |
| 10/058,993     | Non-provisional of      | 60/265,583     | 02/02/01 |
| 10/058,993     | Continuation-in-part of | 09/852,659     | 05/11/01 |
| 09/852,659     | Continuation-in-part of | 09/152,060     | 09/11/98 |
| 09/152,060     | Continuation-in-part of | PCT/US98/04858 | 03/12/98 |
| 10/058,993     | Continuation-in-part of | 09/853,161     | 05/11/01 |
| 09/853,161     | Continuation-in-part of | 09/152,060     | 09/11/98 |
| 09/152,060     | Continuation-in-part of | PCT/US98/04858 | 03/12/98 |
| 10/058,993     | Continuation-in-part of | 09/852,797     | 05/11/01 |
| 09/852,797     | Continuation-in-part of | 09/152,060     | 09/11/98 |
| 09/152,060     | Continuation-in-part of | PCT/US98/04858 | 03/12/98 |
| 10/100,683     | Continuation-in-part of | 09/852,659     | 05/11/01 |
| 09/852,659     | Non-provisional of      | 60/265,583     | 02/02/01 |

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|----------------|-------------------------|----------------|----------|
| 09/852,659     | Continuation-in-part of | 09/152,060     | 09/11/98 |
| 09/152,060     | Continuation-in-part of | PCT/US98/04858 | 03/12/98 |
| 10/100,683     | Continuation-in-part of | 09/853,161     | 05/11/01 |
| 09/853,161     | Non-provisional of      | 60/265,583     | 02/02/01 |
| 09/853,161     | Continuation-in-part of | 09/152,060     | 09/11/98 |
| 09/152,060     | Continuation-in-part of | PCT/US98/04858 | 03/12/98 |
| 10/100,683     | Continuation-in-part of | 09/852,797     | 05/11/01 |
| 09/852,797     | Non-provisional of      | 60/265,583     | 02/02/01 |
| 09/852,797     | Continuation-in-part of | 09/152,060     | 09/11/98 |
| 09/152,060     | Continuation-in-part of | PCT/US98/04858 | 03/12/98 |
| 10/100,683     | Continuation-in-part of | 09/152,060     | 09/11/98 |
| 09/152,060     | Continuation-in-part of | PCT/US98/04858 | 03/12/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/04858 | 03/12/98 |
| PCT/US98/04858 | Non-provisional of      | 60/040,762     | 03/14/97 |
| PCT/US98/04858 | Non-provisional of      | 60/040,710     | 03/14/97 |
| PCT/US98/04858 | Non-provisional of      | 60/050,934     | 05/30/97 |
| PCT/US98/04858 | Non-provisional of      | 60/048,100     | 05/30/97 |
| PCT/US98/04858 | Non-provisional of      | 60/048,357     | 05/30/97 |
| PCT/US98/04858 | Non-provisional of      | 60/048,189     | 05/30/97 |
| PCT/US98/04858 | Non-provisional of      | 60/057,765     | 09/05/97 |
| PCT/US98/04858 | Non-provisional of      | 60/048,970     | 06/06/97 |
| PCT/US98/04858 | Non-provisional of      | 60/068,368     | 12/19/97 |
| 10/100,683     | Continuation-in-part of | 10/059,395     | 01/31/02 |
| 10/059,395     | Divisional of           | 09/966,262     | 10/01/01 |
| 09/966,262     | Continuation of         | 09/154,707     | 09/17/98 |
| 09/154,707     | Continuation-in-part of | PCT/US98/05311 | 03/19/98 |
| 10/100,683     | Continuation-in-part of | 09/984,245     | 10/29/01 |
| 09/984,245     | Divisional of           | 09/154,707     | 09/17/98 |
| 09/154,707     | Continuation-in-part of | PCT/US98/05311 | 03/19/98 |
| 10/100,683     | Continuation-in-part of | 09/983,966     | 10/26/01 |
| 09/983,966     | Divisional of           | 09/154,707     | 09/17/98 |
| 09/154,707     | Continuation-in-part of | PCT/US98/05311 | 03/19/98 |

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| 10/100,683     | Continuation-in-part of | 09/966,262     | 10/01/01 |
| 09/966,262     | Continuation of of      | 09/154,707     | 09/17/98 |
| 09/154,707     | Continuation-in-part of | PCT/US98/05311 | 03/19/98 |
| 10/100,683     | Continuation-in-part of | 09/154,707     | 09/17/98 |
| 09/154,707     | Continuation-in-part of | PCT/US98/05311 | 03/19/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/05311 | 03/03/98 |
| PCT/US98/05311 | Non-provisional of      | 60/041,277     | 03/21/97 |
| PCT/US98/05311 | Non-provisional of      | 60/042,344     | 03/21/97 |
| PCT/US98/05311 | Non-provisional of      | 60/041,276     | 03/21/97 |
| PCT/US98/05311 | Non-provisional of      | 60/041,281     | 03/21/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,094     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,350     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,188     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,135     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/050,937     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,187     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,099     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,352     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,186     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,069     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,095     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,131     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,096     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,355     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,160     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,351     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/048,154     | 05/30/97 |
| PCT/US98/05311 | Non-provisional of      | 60/054,804     | 08/05/97 |
| PCT/US98/05311 | Non-provisional of      | 60/056,370     | 08/19/97 |
| PCT/US98/05311 | Non-provisional of      | 60/060,862     | 10/02/97 |
| 10/100,683     | Continuation-in-part of | 09/814,122     | 03/22/01 |
| 09/814,122     | Continuation of         | 09/577,145     | 05/24/00 |

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|----------------|-------------------------|----------------|----------|
| 09/577,145     | Continuation of         | 09/166,780     | 10/06/98 |
| 09/166,780     | Continuation-in-part of | PCT/US98/06801 | 04/07/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/06801 | 04/07/98 |
| PCT/US98/06801 | Non-provisional of      | 60/042,726     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/042,727     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/042,728     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/042,754     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/042,825     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/048,068     | 05/30/97 |
| PCT/US98/06801 | Non-provisional of      | 60/048,070     | 05/30/97 |
| PCT/US98/06801 | Non-provisional of      | 60/048,184     | 05/30/97 |
| 10/100,683     | Continuation-in-part of | PCT/US98/06801 | 04/07/97 |
| PCT/US98/06801 | Non-provisional of      | 60/042,726     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/042,727     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/042,728     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/042,754     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/042,825     | 04/08/97 |
| PCT/US98/06801 | Non-provisional of      | 60/048,068     | 05/30/97 |
| PCT/US98/06801 | Non-provisional of      | 60/048,070     | 05/30/97 |
| PCT/US98/06801 | Non-provisional of      | 60/048,184     | 05/30/97 |
| 10/100,683     | Continuation-in-part of | PCT/US98/10868 | 05/28/98 |
| PCT/US98/10868 | Non-provisional of      | 60/044,039     | 05/30/97 |
| PCT/US98/10868 | Non-provisional of      | 60/048,093     | 05/30/97 |
| PCT/US98/10868 | Non-provisional of      | 60/048,190     | 05/30/97 |
| PCT/US98/10868 | Non-provisional of      | 60/050,935     | 05/30/97 |
| PCT/US98/10868 | Non-provisional of      | 60/048,101     | 05/30/97 |
| PCT/US98/10868 | Non-provisional of      | 60/048,356     | 05/30/97 |
| PCT/US98/10868 | Non-provisional of      | 60/056,250     | 08/29/97 |
| PCT/US98/10868 | Non-provisional of      | 60/056,296     | 08/29/97 |
| PCT/US98/10868 | Non-provisional of      | 60/056,293     | 08/29/97 |
| 10/100,683     | Continuation-in-part of | PCT/US98/11422 | 06/04/98 |
| PCT/US98/11422 | Non-provisional of      | 60/048,885     | 06/06/97 |

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| PCT/US98/11422 | Non-provisional of | 60/049,375 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,881 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,880 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,896 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/049,020 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,876 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,895 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,884 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,894 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,971 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,964 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,882 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,899 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,893 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,900 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,901 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,892 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,915 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/049,019 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,970 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,972 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,916 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/049,373 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,875 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/049,374 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,917 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,949 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,974 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,883 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,897 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,898 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,962 | 06/06/97 |

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| PCT/US98/11422 | Non-provisional of | 60/048,963 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,877 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/048,878 | 06/06/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,645 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,642 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,668 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,635 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,627 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,667 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,666 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,764 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,643 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,769 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,763 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,650 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,584 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,647 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,661 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,662 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,646 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,654 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,651 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,644 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,765 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,762 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,775 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,648 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,774 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,649 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,770 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,771 | 09/05/97 |
| PCT/US98/11422 | Non-provisional of | 60/057,761 | 09/05/97 |

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| PCT/US98/11422 | Non-provisional of      | 60/057,760     | 09/05/97 |
| PCT/US98/11422 | Non-provisional of      | 60/057,776     | 09/05/97 |
| PCT/US98/11422 | Non-provisional of      | 60/057,778     | 09/05/97 |
| PCT/US98/11422 | Non-provisional of      | 60/057,629     | 09/05/97 |
| PCT/US98/11422 | Non-provisional of      | 60/057,628     | 09/05/97 |
| PCT/US98/11422 | Non-provisional of      | 60/057,777     | 09/05/97 |
| PCT/US98/11422 | Non-provisional of      | 60/057,634     | 09/05/97 |
| PCT/US98/11422 | Non-provisional of      | 60/070,923     | 12/18/97 |
| 10/100,683     | Continuation-in-part of | PCT/US01/05614 | 02/21/01 |
| PCT/US01/05614 | Non-provisional of      | 60/184,836     | 02/24/00 |
| PCT/US01/05614 | Non-provisional of      | 60/193,170     | 03/29/00 |
| 10/100,683     | Continuation-in-part of | PCT/US98/12125 | 06/11/98 |
| PCT/US98/12125 | Non-provisional of      | 60/049,547     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,548     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,549     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,550     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,566     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,606     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,607     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,608     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,609     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,610     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/049,611     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/050,901     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/052,989     | 06/13/97 |
| PCT/US98/12125 | Non-provisional of      | 60/051,919     | 07/08/97 |
| PCT/US98/12125 | Non-provisional of      | 60/055,984     | 08/18/97 |
| PCT/US98/12125 | Non-provisional of      | 60/058,665     | 09/12/97 |
| PCT/US98/12125 | Non-provisional of      | 60/058,668     | 09/12/97 |
| PCT/US98/12125 | Non-provisional of      | 60/058,669     | 09/12/97 |
| PCT/US98/12125 | Non-provisional of      | 60/058,750     | 09/12/97 |
| PCT/US98/12125 | Non-provisional of      | 60/058,971     | 09/12/97 |

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| PCT/US98/12125 | Non-provisional of      | 60/058,972     | 09/12/97 |
| PCT/US98/12125 | Non-provisional of      | 60/058,975     | 09/12/97 |
| PCT/US98/12125 | Non-provisional of      | 60/060,834     | 10/02/97 |
| PCT/US98/12125 | Non-provisional of      | 60/060,841     | 10/02/97 |
| PCT/US98/12125 | Non-provisional of      | 60/060,844     | 10/02/97 |
| PCT/US98/12125 | Non-provisional of      | 60/060,865     | 10/02/97 |
| PCT/US98/12125 | Non-provisional of      | 60/061,059     | 10/02/97 |
| PCT/US98/12125 | Non-provisional of      | 60/061,060     | 10/02/97 |
| 10/100,683     | Continuation-in-part of | 09/627,081     | 07/27/00 |
| 09/627,081     | Continuation of         | 09/213,365     | 12/17/98 |
| 09/213,365     | Continuation-in-part of | PCT/US98/13608 | 06/30/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/13608 | 06/30/98 |
| PCT/US98/13608 | Non-provisional of      | 60/051,480     | 07/01/97 |
| PCT/US98/13608 | Non-provisional of      | 60/051,381     | 07/01/97 |
| PCT/US98/13608 | Non-provisional of      | 60/058,663     | 09/12/97 |
| PCT/US98/13608 | Non-provisional of      | 60/058,598     | 09/12/97 |
| 10/100,683     | Continuation-in-part of | 09/984,490     | 10/30/01 |
| 09/984,490     | Divisional of           | 09/227,357     | 01/08/99 |
| 09/227,357     | Continuation-in-part of | PCT/US98/13684 | 07/07/98 |
| 10/100,683     | Continuation-in-part of | 09/983,802     | 10/25/01 |
| 09/983,802     | Continuation of         | 09/227,357     | 10/10/01 |
| 09/227,357     | Continuation-in-part of | PCT/US98/13684 | 07/07/98 |
| 10/100,683     | Continuation-in-part of | 09/973,278     | 10/10/01 |
| 09/973,278     | Non-provisional of      | 60/239,899     | 10/13/00 |
| 09/973,278     | Continuation-in-part of | 09/227,357     | 01/08/99 |
| 09/227,357     | Continuation-in-part of | PCT/US98/13684 | 07/07/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/13684 | 07/07/98 |
| PCT/US98/13684 | Non-provisional of      | 60/051,926     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/052,793     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,925     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,929     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/052,803     | 07/08/97 |



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| PCT/US98/13684 | Non-provisional of      | 60/052,732     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,931     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,932     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,916     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,930     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,918     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,920     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/052,733     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/052,795     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,919     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/051,928     | 07/08/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,722     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,723     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,948     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,949     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,953     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,950     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,947     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,964     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/056,360     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,684     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,984     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/055,954     | 08/18/97 |
| PCT/US98/13684 | Non-provisional of      | 60/058,785     | 09/12/97 |
| PCT/US98/13684 | Non-provisional of      | 60/058,664     | 09/12/97 |
| PCT/US98/13684 | Non-provisional of      | 60/058,660     | 09/12/97 |
| PCT/US98/13684 | Non-provisional of      | 60/058,661     | 09/12/97 |
| 10/100,683     | Continuation-in-part of | 09/776,724     | 02/06/01 |
| 09/776,724     | Non-provisional of      | 60/180,909     | 02/08/00 |
| 09/776,724     | Continuation-in-part of | 09/669,688     | 09/26/00 |
| 09/669,688     | Continuation of         | 09/229,982     | 01/14/99 |
| 09/229,982     | Continuation-in-part of | PCT/US98/14613 | 07/15/98 |

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|----------------|-------------------------|----------------|----------|
| 10/100,683     | Continuation-in-part of | 09/669,688     | 09/26/00 |
| 09/669,688     | Continuation of         | 09/229,982     | 01/14/99 |
| 09/229,982     | Continuation-in-part of | PCT/US98/14613 | 07/15/98 |
| 10/100,683     | Continuation-in-part of | 09/229,982     | 01/14/99 |
| 09/229,982     | Continuation-in-part of | PCT/US98/14613 | 07/15/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/14613 | 07/15/98 |
| PCT/US98/14613 | Non-provisional of      | 60/052,661     | 07/16/97 |
| PCT/US98/14613 | Non-provisional of      | 60/052,872     | 07/16/97 |
| PCT/US98/14613 | Non-provisional of      | 60/052,871     | 07/16/97 |
| PCT/US98/14613 | Non-provisional of      | 60/052,874     | 07/16/97 |
| PCT/US98/14613 | Non-provisional of      | 60/052,873     | 07/16/97 |
| PCT/US98/14613 | Non-provisional of      | 60/052,870     | 07/16/97 |
| PCT/US98/14613 | Non-provisional of      | 60/052,875     | 07/16/97 |
| PCT/US98/14613 | Non-provisional of      | 60/053,440     | 07/22/97 |
| PCT/US98/14613 | Non-provisional of      | 60/053,441     | 07/22/97 |
| PCT/US98/14613 | Non-provisional of      | 60/053,442     | 07/22/97 |
| PCT/US98/14613 | Non-provisional of      | 60/056,359     | 08/18/97 |
| PCT/US98/14613 | Non-provisional of      | 60/055,725     | 08/18/97 |
| PCT/US98/14613 | Non-provisional of      | 60/055,985     | 08/18/97 |
| PCT/US98/14613 | Non-provisional of      | 60/055,952     | 08/18/97 |
| PCT/US98/14613 | Non-provisional of      | 60/055,989     | 08/18/97 |
| PCT/US98/14613 | Non-provisional of      | 60/056,361     | 08/18/97 |
| PCT/US98/14613 | Non-provisional of      | 60/055,726     | 08/18/97 |
| PCT/US98/14613 | Non-provisional of      | 60/055,724     | 08/18/97 |
| PCT/US98/14613 | Non-provisional of      | 60/055,946     | 08/18/97 |
| PCT/US98/14613 | Non-provisional of      | 60/055,683     | 08/18/97 |
| 10/100,683     | Non-provisional of      | 60/295,558     | 06/05/01 |
| 10/100,683     | Continuation-in-part of | 09/820,649     | 03/30/01 |
| 09/820,649     | Continuation of         | 09/666,984     | 09/21/00 |
| 09/666,984     | Continuation of         | 09/236,557     | 01/26/99 |
| 09/236,557     | Continuation-in-part of | PCT/US98/15949 | 07/29/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/15949 | 07/29/98 |

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| PCT/US98/15949 | Non-provisional of      | 60/054,212     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/054,209     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/054,234     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/054,218     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/054,214     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/054,236     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/054,215     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/054,211     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/054,217     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/054,213     | 07/30/97 |
| PCT/US98/15949 | Non-provisional of      | 60/055,968     | 08/18/97 |
| PCT/US98/15949 | Non-provisional of      | 60/055,969     | 08/18/97 |
| PCT/US98/15949 | Non-provisional of      | 60/055,972     | 08/18/97 |
| PCT/US98/15949 | Non-provisional of      | 60/056,561     | 08/19/97 |
| PCT/US98/15949 | Non-provisional of      | 60/056,534     | 08/19/97 |
| PCT/US98/15949 | Non-provisional of      | 60/056,729     | 08/19/97 |
| PCT/US98/15949 | Non-provisional of      | 60/056,543     | 08/19/97 |
| PCT/US98/15949 | Non-provisional of      | 60/056,727     | 08/19/97 |
| PCT/US98/15949 | Non-provisional of      | 60/056,554     | 08/19/97 |
| PCT/US98/15949 | Non-provisional of      | 60/056,730     | 08/19/97 |
| 10/100,683     | Continuation-in-part of | 09/969,730     | 10/04/01 |
| 09/969,730     | Continuation-in-part of | 09/774,639     | 02/01/01 |
| 09/774,639     | Continuation of         | 09/244,112     | 02/04/99 |
| 09/244,112     | Continuation-in-part of | PCT/US98/16235 | 08/04/98 |
| 10/100,683     | Continuation-in-part of | 09/774,639     | 02/01/01 |
| 09/774,639     | Continuation of         | 09/244,112     | 02/04/99 |
| 09/244,112     | Continuation-in-part of | PCT/US98/16235 | 08/04/98 |
| 10/100,683     | Continuation-in-part of | 09/969,730     | 10/04/01 |
| 09/969,730     | Non-provisional of      | 60/238,291     | 10/06/00 |
| 10/100,683     | Continuation-in-part of | PCT/US98/16235 | 08/04/98 |
| PCT/US98/16235 | Non-provisional of      | 60/055,386     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/054,807     | 08/05/97 |

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| PCT/US98/16235 | Non-provisional of      | 60/055,312     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/055,309     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/054,798     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/055,310     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/054,806     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/054,809     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/054,804     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/054,803     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/054,808     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/055,311     | 08/05/97 |
| PCT/US98/16235 | Non-provisional of      | 60/055,986     | 08/18/97 |
| PCT/US98/16235 | Non-provisional of      | 60/055,970     | 08/18/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,563     | 08/19/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,557     | 08/19/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,731     | 08/19/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,365     | 08/19/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,367     | 08/19/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,370     | 08/19/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,364     | 08/19/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,366     | 08/19/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,732     | 08/19/97 |
| PCT/US98/16235 | Non-provisional of      | 60/056,371     | 08/19/97 |
| 10/100,683     | Continuation-in-part of | 09/716,128     | 11/17/00 |
| 09/716,128     | Continuation of         | 09/251,329     | 02/17/99 |
| 09/251,329     | Continuation-in-part of | PCT/US98/17044 | 08/18/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/17044 | 08/18/98 |
| PCT/US98/17044 | Non-provisional of      | 60/056,555     | 08/19/97 |
| PCT/US98/17044 | Non-provisional of      | 60/056,556     | 08/19/97 |
| PCT/US98/17044 | Non-provisional of      | 60/056,535     | 08/19/97 |
| PCT/US98/17044 | Non-provisional of      | 60/056,629     | 08/19/97 |
| PCT/US98/17044 | Non-provisional of      | 60/056,369     | 08/19/97 |
| PCT/US98/17044 | Non-provisional of      | 60/056,628     | 08/19/97 |

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| PCT/US98/17044 | Non-provisional of      | 60/056,728     | 08/19/97 |
| PCT/US98/17044 | Non-provisional of      | 60/056,368     | 08/19/97 |
| PCT/US98/17044 | Non-provisional of      | 60/056,726     | 08/19/97 |
| PCT/US98/17044 | Non-provisional of      | 60/089,510     | 06/16/98 |
| PCT/US98/17044 | Non-provisional of      | 60/092,956     | 07/15/98 |
| 10/100,683     | Continuation-in-part of | 09/729,835     | 12/06/00 |
| 09/729,835     | Divisional of           | 09/257,179     | 02/25/99 |
| 09/257,179     | Continuation-in-part of | PCT/US98/17709 | 08/27/98 |
| 10/100,683     | Continuation-in-part of | 09/257,179     | 02/25/99 |
| 09/257,179     | Continuation-in-part of | PCT/US98/17709 | 08/27/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/17709 | 08/27/98 |
| PCT/US98/17709 | Non-provisional of      | 60/056,270     | 08/29/97 |
| PCT/US98/17709 | Non-provisional of      | 60/056,271     | 08/29/97 |
| PCT/US98/17709 | Non-provisional of      | 60/056,247     | 08/29/97 |
| PCT/US98/17709 | Non-provisional of      | 60/056,073     | 08/29/97 |
| 10/100,683     | Continuation-in-part of | 10/047,021     | 01/17/02 |
| 10/047,021     | Continuation-in-part of | 09/722,329     | 11/28/00 |
| 09/722,329     | Continuation of         | 09/262,109     | 03/04/99 |
| 09/262,109     | Continuation-in-part of | PCT/US98/18360 | 09/03/98 |
| 10/100,683     | Continuation-in-part of | 09/722,329     | 11/28/00 |
| 09/722,329     | Continuation of         | 09/262,109     | 03/04/99 |
| 09/262,109     | Continuation-in-part of | PCT/US98/18360 | 09/03/98 |
| 10/100,683     | Continuation-in-part of | PZ016pct2      | 01/17/02 |
| PZ016pct2      | Non-provisional of      | 60/262,066     | 01/18/01 |
| 10/100,683     | Continuation-in-part of | PCT/US98/18360 | 09/03/98 |
| PCT/US98/18360 | Non-provisional of      | 60/057,626     | 09/05/97 |
| PCT/US98/18360 | Non-provisional of      | 60/057,663     | 09/05/97 |
| PCT/US98/18360 | Non-provisional of      | 60/057,669     | 09/05/97 |
| PCT/US98/18360 | Non-provisional of      | 60/058,667     | 09/12/97 |
| PCT/US98/18360 | Non-provisional of      | 60/058,974     | 09/12/97 |
| PCT/US98/18360 | Non-provisional of      | 60/058,973     | 09/12/97 |
| PCT/US98/18360 | Non-provisional of      | 60/058,666     | 09/12/97 |

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| PCT/US98/18360 | Non-provisional of      | 60/090,112     | 06/22/98 |
| 10/100,683     | Continuation-in-part of | 09/281,976     | 03/31/99 |
| 09/281,976     | Continuation-in-part of | PCT/US98/20775 | 10/01/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/20775 | 10/01/98 |
| PCT/US98/20775 | Non-provisional of      | 60/060,837     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,862     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,839     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,866     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,843     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,836     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,838     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,874     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,833     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,884     | 10/02/97 |
| PCT/US98/20775 | Non-provisional of      | 60/060,880     | 10/02/97 |
| 10/100,683     | Continuation-in-part of | 09/984,429     | 10/30/01 |
| 09/984,429     | Non-provisional of      | 60/244,591     | 11/01/00 |
| 09/984,429     | Continuation-in-part of | 09/288,143     | 04/08/99 |
| 09/288,143     | Continuation-in-part of | PCT/US98/21142 | 10/08/98 |
| 10/100,683     | Non-provisional of      | 60/244,591     | 11/01/00 |
| 10/100,683     | Continuation-in-part of | 09/288,143     | 04/08/99 |
| 09/288,143     | Continuation-in-part of | PCT/US98/21142 | 10/08/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/21142 | 10/08/98 |
| PCT/US98/21142 | Non-provisional of      | 60/061,463     | 10/09/97 |
| PCT/US98/21142 | Non-provisional of      | 60/061,529     | 10/09/97 |
| PCT/US98/21142 | Non-provisional of      | 60/071,498     | 10/09/97 |
| PCT/US98/21142 | Non-provisional of      | 60/061,527     | 10/09/97 |
| PCT/US98/21142 | Non-provisional of      | 60/061,536     | 10/09/97 |
| PCT/US98/21142 | Non-provisional of      | 60/061,532     | 10/09/97 |
| 10/100,683     | Continuation-in-part of | 09/296,622     | 04/23/99 |
| 09/296,622     | Continuation-in-part of | PCT/US98/22376 | 10/23/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/22376 | 10/23/98 |

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| PCT/US98/22376 | Non-provisional of      | 60/063,099     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,088     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,100     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,387     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,148     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,386     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/062,784     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,091     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,090     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,089     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,092     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,111     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,101     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,109     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,110     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,098     | 10/24/97 |
| PCT/US98/22376 | Non-provisional of      | 60/063,097     | 10/24/97 |
| 10/100,683     | Continuation-in-part of | 09/974,879     | 10/12/01 |
| 09/974,879     | Non-provisional of      | 60/239,893     | 10/13/00 |
| 09/974,879     | Continuation-in-part of | 09/818,683     | 03/28/01 |
| 09/818,683     | Continuation of         | 09/305,736     | 05/05/99 |
| 09/305,736     | Continuation-in-part of | PCT/US98/23435 | 11/04/98 |
| 10/100,683     | Continuation-in-part of | 09/818,683     | 03/28/01 |
| 09/818,683     | Continuation of         | 09/305,736     | 05/05/99 |
| 09/305,736     | Continuation-in-part of | PCT/US98/23435 | 11/04/98 |
| 10/100,683     | Continuation-in-part of | 09/305,736     | 05/05/99 |
| 09/305,736     | Continuation-in-part of | PCT/US98/23435 | 11/04/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/23435 | 11/04/98 |
| PCT/US98/23435 | Non-provisional of      | 60/064,911     | 11/07/97 |
| PCT/US98/23435 | Non-provisional of      | 60/064,912     | 11/07/97 |
| PCT/US98/23435 | Non-provisional of      | 60/064,983     | 11/07/97 |
| PCT/US98/23435 | Non-provisional of      | 60/064,900     | 11/07/97 |

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| PCT/US98/23435 | Non-provisional of      | 60/064,988     | 11/07/97 |
| PCT/US98/23435 | Non-provisional of      | 60/064,987     | 11/07/97 |
| PCT/US98/23435 | Non-provisional of      | 60/064,908     | 11/07/97 |
| PCT/US98/23435 | Non-provisional of      | 60/064,984     | 11/07/97 |
| PCT/US98/23435 | Non-provisional of      | 60/064,985     | 11/07/97 |
| PCT/US98/23435 | Non-provisional of      | 60/066,094     | 11/17/97 |
| PCT/US98/23435 | Non-provisional of      | 60/066,100     | 11/17/97 |
| PCT/US98/23435 | Non-provisional of      | 60/066,089     | 11/17/97 |
| PCT/US98/23435 | Non-provisional of      | 60/066,095     | 11/17/97 |
| PCT/US98/23435 | Non-provisional of      | 60/066,090     | 11/17/97 |
| 10/100,683     | Continuation-in-part of | 09/334,595     | 06/17/99 |
| 09/334,595     | Continuation-in-part of | PCT/US98/27059 | 12/17/98 |
| 10/100,683     | Continuation-in-part of | PCT/US98/27059 | 12/17/98 |
| PCT/US98/27059 | Non-provisional of      | 60/070,923     | 12/18/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,007     | 12/18/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,057     | 12/18/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,006     | 12/18/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,369     | 12/19/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,367     | 12/19/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,368     | 12/19/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,169     | 12/19/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,053     | 12/18/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,064     | 12/18/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,054     | 12/18/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,008     | 12/18/97 |
| PCT/US98/27059 | Non-provisional of      | 60/068,365     | 12/19/97 |
| 10/100,683     | Continuation-in-part of | 09/938,671     | 08/27/01 |
| 09/938,671     | Continuation of         | 09/739,907     | 12/20/00 |
| 09/739,907     | Continuation of         | 09/348,457     | 07/07/99 |
| 09/348,457     | Continuation-in-part of | PCT/US99/00108 | 01/06/99 |
| 10/100,683     | Continuation-in-part of | 09/739,907     | 12/20/00 |
| 09/739,907     | Continuation of         | 09/348,457     | 07/07/99 |



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| 09/348,457     | Continuation-in-part of | PCT/US99/00108 | 01/06/99 |
| 10/100,683     | Continuation-in-part of | 09/348,457     | 07/07/99 |
| 09/348,457     | Continuation-in-part of | PCT/US99/00108 | 01/06/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/00108 | 01/06/99 |
| PCT/US99/00108 | Non-provisional of      | 60/070,704     | 01/07/98 |
| PCT/US99/00108 | Non-provisional of      | 60/070,658     | 01/07/98 |
| PCT/US99/00108 | Non-provisional of      | 60/070,692     | 01/07/98 |
| PCT/US99/00108 | Non-provisional of      | 60/070,657     | 01/07/98 |
| 10/100,683     | Continuation-in-part of | 09/949,925     | 09/12/01 |
| 09/949,925     | Non-provisional of      | 60/232,150     | 09/12/00 |
| 09/949,925     | Continuation-in-part of | PCT/US99/01621 | 01/27/99 |
| 09/949,925     | Continuation-in-part of | 09/363,044     | 07/29/99 |
| 09/363,044     | Continuation-in-part of | PCT/US99/01621 | 01/27/99 |
| 10/100,683     | Continuation-in-part of | 09/813,153     | 03/21/01 |
| 09/813,153     | Continuation of         | 09/363,044     | 07/29/99 |
| 09/363,044     | Continuation-in-part of | PCT/US99/01621 | 01/27/99 |
| 10/100,683     | Continuation-in-part of | 09/363,044     | 07/29/99 |
| 09/363,044     | Continuation-in-part of | PCT/US99/01621 | 01/27/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/01621 | 01/27/99 |
| PCT/US99/01621 | Non-provisional of      | 60/073,170     | 01/30/98 |
| PCT/US99/01621 | Non-provisional of      | 60/073,167     | 01/30/98 |
| PCT/US99/01621 | Non-provisional of      | 60/073,165     | 01/30/98 |
| PCT/US99/01621 | Non-provisional of      | 60/073,164     | 01/30/98 |
| PCT/US99/01621 | Non-provisional of      | 60/073,162     | 01/30/98 |
| PCT/US99/01621 | Non-provisional of      | 60/073,161     | 01/30/98 |
| PCT/US99/01621 | Non-provisional of      | 60/073,160     | 01/30/98 |
| PCT/US99/01621 | Non-provisional of      | 60/073,159     | 01/30/98 |
| 10/100,683     | Continuation-in-part of | 10/062,548     | 02/05/02 |
| 10/062,548     | Continuation of         | 09/369,247     | 08/05/99 |
| 09/369,247     | Continuation-in-part of | PCT/US99/02293 | 02/04/99 |
| 10/100,683     | Continuation-in-part of | 09/369,247     | 08/05/99 |
| 09/369,247     | Continuation-in-part of | PCT/US99/02293 | 02/04/99 |

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| 10/100,683     | Continuation-in-part of | PCT/US99/02293 | 02/04/99 |
| PCT/US99/02293 | Non-provisional of      | 60/074,118     | 02/09/98 |
| PCT/US99/02293 | Non-provisional of      | 60/074,157     | 02/09/98 |
| PCT/US99/02293 | Non-provisional of      | 60/074,037     | 02/09/98 |
| PCT/US99/02293 | Non-provisional of      | 60/074,141     | 02/09/98 |
| PCT/US99/02293 | Non-provisional of      | 60/074,341     | 02/09/98 |
| 10/100,683     | Continuation-in-part of | 09/716,129     | 11/17/00 |
| 09/716,129     | Continuation-in-part of | PCT/US99/03939 | 02/24/99 |
| 09/716,129     | CON                     | 09/382,572     | 08/25/99 |
| 09/382,572     | Continuation-in-part of | PCT/US99/03939 | 02/24/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/03939 | 02/24/99 |
| PCT/US99/03939 | Non-provisional of      | 60/076,053     | 02/26/98 |
| PCT/US99/03939 | Non-provisional of      | 60/076,051     | 02/26/98 |
| PCT/US99/03939 | Non-provisional of      | 60/076,054     | 02/26/98 |
| PCT/US99/03939 | Non-provisional of      | 60/076,052     | 02/26/98 |
| PCT/US99/03939 | Non-provisional of      | 60/076,057     | 02/26/98 |
| 10/100,683     | Continuation-in-part of | 09/798,889     | 03/06/01 |
| 09/798,889     | CON                     | 09/393,022     | 09/09/99 |
| 09/393,022     | Continuation-in-part of | PCT/US99/05721 | 03/11/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/05721 | 03/11/99 |
| PCT/US99/05721 | Non-provisional of      | 60/077,714     | 03/12/98 |
| PCT/US99/05721 | Non-provisional of      | 60/077,686     | 03/12/98 |
| PCT/US99/05721 | Non-provisional of      | 60/077,687     | 03/12/98 |
| PCT/US99/05721 | Non-provisional of      | 60/077,696     | 03/12/98 |
| 10/100,683     | Continuation-in-part of | 09/397,945     | 09/17/99 |
| 09/397,945     | Continuation-in-part of | PCT/US99/05804 | 03/18/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/05804 | 03/18/99 |
| PCT/US99/05804 | Non-provisional of      | 60/078,566     | 03/19/98 |
| PCT/US99/05804 | Non-provisional of      | 60/078,576     | 03/19/98 |
| PCT/US99/05804 | Non-provisional of      | 60/078,573     | 03/19/98 |
| PCT/US99/05804 | Non-provisional of      | 60/078,574     | 03/19/98 |
| PCT/US99/05804 | Non-provisional of      | 60/078,579     | 03/19/98 |

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| PCT/US99/05804 | Non-provisional of      | 60/080,314     | 04/01/98 |
| PCT/US99/05804 | Non-provisional of      | 60/080,312     | 04/01/98 |
| PCT/US99/05804 | Non-provisional of      | 60/078,578     | 03/19/98 |
| PCT/US99/05804 | Non-provisional of      | 60/078,581     | 03/19/98 |
| PCT/US99/05804 | Non-provisional of      | 60/078,577     | 03/19/98 |
| PCT/US99/05804 | Non-provisional of      | 60/078,563     | 03/19/98 |
| PCT/US99/05804 | Non-provisional of      | 60/080,313     | 04/01/98 |
| 10/100,683     | Continuation-in-part of | 09/948,783     | 09/10/01 |
| 09/948,783     | Non-provisional of      | 60/231,846     | 09/11/00 |
| 09/948,783     | Continuation-in-part of | 09/892,877     | 06/28/01 |
| 09/892,877     | Continuation of         | 09/437,658     | 11/10/99 |
| 09/437,658     | Continuation-in-part of | PCT/US99/09847 | 05/06/99 |
| 10/100,683     | Continuation-in-part of | 09/892,877     | 06/28/01 |
| 09/892,877     | Continuation of         | 09/437,658     | 11/10/99 |
| 09/437,658     | Continuation-in-part of | PCT/US99/09847 | 05/06/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/09847 | 05/06/99 |
| PCT/US99/09847 | Non-provisional of      | 60/085,093     | 05/12/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,094     | 05/12/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,105     | 05/12/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,180     | 05/12/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,927     | 05/18/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,906     | 05/18/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,920     | 05/18/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,924     | 05/18/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,922     | 05/18/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,923     | 05/18/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,921     | 05/18/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,925     | 05/18/98 |
| PCT/US99/09847 | Non-provisional of      | 60/085,928     | 05/18/98 |
| 10/100,683     | Continuation-in-part of | 10/050,873     | 01/18/02 |
| 10/050,873     | Non-provisional of      | 60/263,681     | 01/24/01 |
| 10/050,873     | Non-provisional of      | 60/263,230     | 01/23/01 |

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| 10/050,873     | Continuation-in-part of | 09/461,325     | 12/14/99 |
| 09/461,325     | Continuation-in-part of | PCT/US99/13418 | 06/15/99 |
| 10/100,683     | Continuation-in-part of | 10/012,542     | 12/12/01 |
| 10/012,542     | Divisional of           | 09/461,325     | 12/14/99 |
| 09/461,325     | Continuation-in-part of | PCT/US99/13418 | 06/15/99 |
| 10/100,683     | Continuation-in-part of | 09/461,325     | 12/14/99 |
| 09/461,325     | Continuation-in-part of | PCT/US99/13418 | 06/15/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/13418 | 06/15/99 |
| PCT/US99/13418 | Non-provisional of      | 60/089,507     | 06/16/98 |
| PCT/US99/13418 | Non-provisional of      | 60/089,508     | 06/16/98 |
| PCT/US99/13418 | Non-provisional of      | 60/089,509     | 06/16/98 |
| PCT/US99/13418 | Non-provisional of      | 60/089,510     | 06/16/98 |
| PCT/US99/13418 | Non-provisional of      | 60/090,112     | 06/22/98 |
| PCT/US99/13418 | Non-provisional of      | 60/090,113     | 06/22/98 |
| 10/100,683     | Continuation-in-part of | 09/984,271     | 10/29/01 |
| 09/984,271     | Divisional of           | 09/482,273     | 01/13/00 |
| 09/482,273     | Continuation-in-part of | PCT/US99/15849 | 07/14/99 |
| 10/100,683     | Continuation-in-part of | 09/984,276     | 10/29/01 |
| 09/984,276     | Divisional of           | 09/482,273     | 01/13/00 |
| 09/482,273     | Continuation-in-part of | PCT/US99/15849 | 07/14/99 |
| 10/100,683     | Continuation-in-part of | 09/482,273     | 01/13/00 |
| 09/482,273     | Continuation-in-part of | PCT/US99/15849 | 07/14/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/15849 | 07/14/99 |
| PCT/US99/15849 | Non-provisional of      | 60/092,921     | 07/15/98 |
| PCT/US99/15849 | Non-provisional of      | 60/092,922     | 07/15/98 |
| PCT/US99/15849 | Non-provisional of      | 60/092,956     | 07/15/98 |
| 10/100,683     | Continuation-in-part of | PCT/US01/29871 | 09/24/01 |
| PCT/US01/29871 | Non-provisional of      | 60/234,925     | 09/25/00 |
| PCT/US01/29871 | Continuation-in-part of | PCT/US01/00911 | 01/12/01 |
| 10/100,683     | Continuation-in-part of | PCT/US01/00911 | 01/12/01 |
| PCT/US01/00911 | Continuation-in-part of | 09/482,273     | 01/13/00 |
| 10/100,683     | Non-provisional of      | 60/350,898     | 01/25/02 |

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| 10/100,683     | Continuation-in-part of | 09/489,847     | 01/24/00 |
| 09/489,847     | Continuation-in-part of | PCT/US99/17130 | 07/29/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/17130 | 07/29/99 |
| PCT/US99/17130 | Non-provisional of      | 60/094,657     | 07/30/98 |
| PCT/US99/17130 | Non-provisional of      | 60/095,486     | 08/05/98 |
| PCT/US99/17130 | Non-provisional of      | 60/096,319     | 08/12/98 |
| PCT/US99/17130 | Non-provisional of      | 60/095,454     | 08/06/98 |
| PCT/US99/17130 | Non-provisional of      | 60/095,455     | 08/06/98 |
| 10/100,683     | Continuation-in-part of | 10/054,988     | 01/25/02 |
| 10/054,988     | Continuation of         | 09/904,615     | 07/16/01 |
| 09/904,615     | Continuation of         | 09/739,254     | 12/19/00 |
| 09/739,254     | Continuation of         | 09/511,554     | 02/23/00 |
| 09/511,554     | Continuation-in-part of | PCT/US99/19330 | 08/24/99 |
| 10/100,683     | Continuation-in-part of | 09/904,615     | 07/16/01 |
| 09/904,615     | Continuation of         | 09/739,254     | 12/19/00 |
| 09/739,254     | Continuation of         | 09/511,554     | 02/23/00 |
| 09/511,554     | Continuation-in-part of | PCT/US99/19330 | 08/24/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/19330 | 08/24/99 |
| PCT/US99/19330 | Non-provisional of      | 60/097,917     | 08/25/98 |
| PCT/US99/19330 | Non-provisional of      | 60/098,634     | 08/31/98 |
| 10/100,683     | Continuation-in-part of | 09/820,893     | 03/30/01 |
| 09/820,893     | Continuation of         | 09/531,119     | 03/20/00 |
| 09/531,119     | Continuation-in-part of | PCT/US99/22012 | 09/22/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/22012 | 09/22/99 |
| PCT/US99/22012 | Non-provisional of      | 60/101,546     | 09/23/98 |
| PCT/US99/22012 | Non-provisional of      | 60/102,895     | 10/02/98 |
| 10/100,683     | Continuation-in-part of | 09/948,820     | 09/10/01 |
| 09/948,820     | Continuation of         | 09/565,391     | 05/05/00 |
| 09/565,391     | Continuation-in-part of | PCT/US99/26409 | 11/09/99 |
| 10/100,683     | Continuation-in-part of | 09/565,391     | 05/05/00 |
| 09/565,391     | Continuation-in-part of | PCT/US99/26409 | 11/09/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/26409 | 11/09/99 |

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| PCT/US99/26409 | Non-provisional of      | 60/108,207     | 11/12/98 |
| 10/100,683     | Continuation-in-part of | 09/895,298     | 07/02/01 |
| 09/895,298     | Continuation of         | 09/591,316     | 06/09/00 |
| 09/591,316     | Continuation-in-part of | PCT/US99/29950 | 12/16/99 |
| 10/100,683     | Continuation-in-part of | PCT/US99/29950 | 12/16/99 |
| PCT/US99/29950 | Non-provisional of      | 60/113,006     | 12/18/98 |
| PCT/US99/29950 | Non-provisional of      | 60/112,809     | 12/17/98 |
| 10/100,683     | Continuation-in-part of | 09/985,153     | 11/01/01 |
| 09/985,153     | Continuation of         | 09/618,150     | 07/17/00 |
| 09/618,150     | Continuation-in-part of | PCT/US00/00903 | 01/18/00 |
| 10/100,683     | Continuation-in-part of | PCT/US00/00903 | 01/18/00 |
| PCT/US00/00903 | Non-provisional of      | 60/116,330     | 01/19/99 |
| 10/100,683     | Continuation-in-part of | 09/997,131     | 11/30/01 |
| 09/997,131     | Continuation of         | 09/628,508     | 07/28/00 |
| 09/628,508     | Continuation-in-part of | PCT/US00/03062 | 02/08/00 |
| 10/100,683     | Continuation-in-part of | PCT/US00/03062 | 02/08/00 |
| PCT/US00/03062 | Non-provisional of      | 60/119,468     | 02/10/99 |
| 10/100,683     | Continuation-in-part of | 10/050,882     | 01/18/02 |
| 10/050,882     | Continuation of         | 09/661,453     | 09/13/00 |
| 09/661,453     | Continuation-in-part of | PCT/US00/06783 | 03/16/00 |
| 10/100,683     | Continuation-in-part of | 09/661,453     | 09/13/00 |
| 09/661,453     | Continuation-in-part of | PCT/US00/06783 | 03/16/00 |
| 10/100,683     | Continuation-in-part of | PCT/US00/06783 | 03/16/00 |
| PCT/US00/06783 | Non-provisional of      | 60/125,055     | 03/18/99 |
| 10/100,683     | Continuation-in-part of | 10/050,704     | 01/18/02 |
| 10/050,704     | Continuation of         | 09/684,524     | 10/10/00 |
| 09/684,524     | Continuation-in-part of | PCT/US00/08979 | 04/06/00 |
| 10/100,683     | Continuation-in-part of | 09/684,524     | 10/10/00 |
| 09/684,524     | Continuation-in-part of | PCT/US00/08979 | 04/06/00 |
| 10/100,683     | Continuation-in-part of | PCT/US00/08979 | 04/06/00 |
| PCT/US00/08979 | Non-provisional of      | 60/128,693     | 04/09/99 |
| PCT/US00/08979 | Non-provisional of      | 60/130,991     | 04/26/99 |

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| 10/100,683     | Continuation-in-part of | 10/042,141     | 01/11/02 |
| 10/042,141     | Continuation of         | 09/726,643     | 12/01/00 |
| 09/726,643     | Continuation-in-part of | PCT/US00/15187 | 06/02/00 |
| 10/100,683     | Continuation-in-part of | 09/726,643     | 12/01/00 |
| 09/726,643     | Continuation-in-part of | PCT/US00/15187 | 06/02/00 |
| 10/100,683     | Continuation-in-part of | PCT/US00/15187 | 06/02/00 |
| PCT/US00/15187 | Non-provisional of      | 60/137,725     | 06/07/99 |
| 10/100,683     | Continuation-in-part of | 09/756,168     | 01/09/01 |
| 09/756,168     | Continuation-in-part of | PCT/US00/19735 | 07/23/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/19735 | 07/20/00 |
| PCT/US00/19735 | Non-provisional of      | 60/145,220     | 07/23/99 |
| 10/100,683     | Continuation-in-part of | PZ042P1C1      | 02/01/02 |
| PZ042P1C1      | Continuation of         | 09/781,417     | 02/13/01 |
| 09/781,417     | Continuation-in-part of | PCT/US00/22325 | 08/16/00 |
| 10/100,683     | Continuation-in-part of | 09/781,417     | 02/13/01 |
| 09/781,417     | Continuation-in-part of | PCT/US00/22325 | 08/16/00 |
| 10/100,683     | Continuation-in-part of | PCT/US00/22325 | 08/16/00 |
| PCT/US00/22325 | Non-provisional of      | 60/149,182     | 08/17/99 |
| 10/100,683     | Continuation-in-part of | 09/789,561     | 02/22/01 |
| 09/789,561     | Continuation-in-part of | PCT/US00/24008 | 08/31/00 |
| 10/100,683     | Continuation-in-part of | PCT/US00/24008 | 08/31/00 |
| PCT/US00/24008 | Non-provisional of      | 60/152,315     | 09/03/99 |
| PCT/US00/24008 | Non-provisional of      | 60/152,317     | 09/03/99 |
| 10/100,683     | Continuation-in-part of | 09/800,729     | 03/08/01 |
| 09/800,729     | Continuation-in-part of | PCT/US00/26013 | 09/22/00 |
| 10/100,683     | Continuation-in-part of | PCT/US00/26013 | 09/22/00 |
| PCT/US00/26013 | Non-provisional of      | 60/155,709     | 09/24/99 |
| 10/100,683     | Continuation-in-part of | 09/832,129     | 04/11/01 |
| 09/832,129     | Continuation-in-part of | PCT/US00/28664 | 10/17/00 |
| 10/100,683     | Continuation-in-part of | PCT/US00/28664 | 10/17/00 |
| PCT/US00/28664 | Non-provisional of      | 60/163,085     | 11/02/99 |
| PCT/US00/28664 | Non-provisional of      | 60/172,411     | 12/17/99 |

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| 10/100,683     | Continuation-in-part of | PCT/US00/29363 | 10/25/00 |
| PCT/US00/29363 | Non-provisional of      | 60/215,139     | 06/30/00 |
| PCT/US00/29363 | Non-provisional of      | 60/162,239     | 10/29/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/29360 | 10/25/00 |
| PCT/US00/29360 | Non-provisional of      | 60/215,138     | 06/30/00 |
| PCT/US00/29360 | Non-provisional of      | 60/162,211     | 10/29/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/29362 | 10/25/00 |
| PCT/US00/29362 | Non-provisional of      | 60/215,131     | 06/30/00 |
| PCT/US00/29362 | Non-provisional of      | 60/162,240     | 10/29/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/29365 | 10/25/00 |
| PCT/US00/29365 | Non-provisional of      | 60/219,666     | 07/21/00 |
| PCT/US00/29365 | Non-provisional of      | 60/162,237     | 10/29/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/29364 | 10/25/00 |
| PCT/US00/29364 | Non-provisional of      | 60/215,134     | 06/30/00 |
| PCT/US00/29364 | Non-provisional of      | 60/162,238     | 10/29/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30040 | 11/01/00 |
| PCT/US00/30040 | Non-provisional of      | 60/215,130     | 06/30/00 |
| PCT/US00/30040 | Non-provisional of      | 60/163,580     | 11/05/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30037 | 11/01/00 |
| PCT/US00/30037 | Non-provisional of      | 60/215,137     | 06/30/00 |
| PCT/US00/30037 | Non-provisional of      | 60/163,577     | 11/05/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30045 | 11/01/00 |
| PCT/US00/30045 | Non-provisional of      | 60/215,133     | 06/30/00 |
| PCT/US00/30045 | Non-provisional of      | 60/163,581     | 11/05/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30036 | 11/01/00 |
| PCT/US00/30036 | Non-provisional of      | 60/221,366     | 07/27/00 |
| PCT/US00/30036 | Non-provisional of      | 60/163,576     | 11/05/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30039 | 11/01/00 |
| PCT/US00/30039 | Non-provisional of      | 60/221,367     | 07/27/00 |
| PCT/US00/30039 | Non-provisional of      | 60/195,296     | 04/07/00 |
| PCT/US00/30039 | Non-provisional of      | 60/164,344     | 11/09/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30654 | 11/08/00 |



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| PCT/US00/30654 | Non-provisional of      | 60/221,142     | 07/27/00 |
| PCT/US00/30654 | Non-provisional of      | 60/164,835     | 11/12/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30628 | 11/08/00 |
| PCT/US00/30628 | Non-provisional of      | 60/215,140     | 06/30/00 |
| PCT/US00/30628 | Non-provisional of      | 60/164,744     | 11/12/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30653 | 11/08/00 |
| PCT/US00/30653 | Non-provisional of      | 60/221,193     | 07/27/00 |
| PCT/US00/30653 | Non-provisional of      | 60/164,735     | 11/12/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30629 | 11/08/00 |
| PCT/US00/30629 | Non-provisional of      | 60/222,904     | 08/03/00 |
| PCT/US00/30629 | Non-provisional of      | 60/164,825     | 11/12/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30679 | 11/08/00 |
| PCT/US00/30679 | Non-provisional of      | 60/224,007     | 08/04/00 |
| PCT/US00/30679 | Non-provisional of      | 60/164,834     | 11/12/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30674 | 11/08/00 |
| PCT/US00/30674 | Non-provisional of      | 60/215,128     | 06/30/00 |
| PCT/US00/30674 | Non-provisional of      | 60/164,750     | 11/12/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/31162 | 11/15/00 |
| 60/215,136     | Non-provisional of      | 60/215,136     | 06/30/00 |
| 60/215,136     | Non-provisional of      | 60/166,415     | 11/19/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/31282 | 11/15/00 |
| PCT/US00/31282 | Non-provisional of      | 60/219,665     | 07/21/00 |
| PCT/US00/31282 | Non-provisional of      | 60/166,414     | 11/19/99 |
| 10/100,683     | Continuation-in-part of | PCT/US00/30657 | 11/08/00 |
| PCT/US00/30657 | Non-provisional of      | 60/215,132     | 06/30/00 |
| PCT/US00/30657 | Non-provisional of      | 60/164,731     | 11/12/99 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01396 | 01/17/01 |
| 60/256,968     | Non-provisional of      | 60/256,968     | 12/21/00 |
| 60/256,968     | Non-provisional of      | 60/226,280     | 08/18/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01387 | 01/17/01 |
| 60/259,803     | Non-provisional of      | 60/259,803     | 01/05/01 |
| 60/259,803     | Non-provisional of      | 60/226,380     | 08/18/00 |

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| 10/100,683     | Continuation-in-part of | PCT/US01/01567 | 01/17/01 |
| PCT/US01/01567 | Non-provisional of      | 60/228,084     | 08/28/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01431 | 01/17/01 |
| PCT/US01/01431 | Non-provisional of      | 60/231,968     | 09/12/00 |
| PCT/US01/01431 | Continuation-in-part of | 09/915,582     | 07/27/01 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01432 | 01/17/01 |
| PCT/US01/01432 | Non-provisional of      | 60/236,326     | 09/29/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/00544 | 01/09/01 |
| PCT/US01/00544 | Non-provisional of      | 60/234,211     | 09/20/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01435 | 01/17/01 |
| PCT/US01/01435 | Non-provisional of      | 60/226,282     | 08/18/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01386 | 01/17/01 |
| PCT/US01/01386 | Non-provisional of      | 60/232,104     | 09/12/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01565 | 01/17/01 |
| PCT/US01/01565 | Non-provisional of      | 60/234,210     | 09/20/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01394 | 01/17/01 |
| PCT/US01/01394 | Non-provisional of      | 60/259,805     | 01/05/01 |
| PCT/US01/01394 | Non-provisional of      | 60/226,278     | 08/18/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01434 | 01/17/01 |
| PCT/US01/01434 | Non-provisional of      | 60/259,678     | 01/05/01 |
| PCT/US01/01434 | Non-provisional of      | 60/226,279     | 08/18/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01397 | 01/17/01 |
| PCT/US01/01397 | Non-provisional of      | 60/226,281     | 08/18/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01385 | 01/17/01 |
| PCT/US01/01385 | Non-provisional of      | 60/231,969     | 09/12/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01384 | 01/17/01 |
| PCT/US01/01384 | Non-provisional of      | 60/259,516     | 01/04/01 |
| PCT/US01/01384 | Non-provisional of      | 60/228,086     | 08/28/00 |
| 10/100,683     | Continuation-in-part of | PCT/US01/01383 | 01/17/01 |
| PCT/US01/01383 | Non-provisional of      | 60/259,804     | 01/05/01 |
| PCT/US01/01383 | Non-provisional of      | 60/228,083     | 08/28/00 |
| 10/100,683     | Continuation-in-part of | PCT/US02/05064 | 02/21/02 |

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| PCT/US02/05064 | Non-provisional of      | 60/304,444     | 07/12/01 |
| PCT/US02/05064 | Non-provisional of      | 60/270,658     | 02/23/01 |
| 10/100,683     | Continuation-in-part of | PCT/US02/05301 | 02/21/02 |
| PCT/US02/05301 | Non-provisional of      | 60/304,417     | 07/12/01 |
| PCT/US02/05301 | Non-provisional of      | 60/270,625     | 02/23/01 |
| 10/100,683     | Non-provisional of      | 60/304,121     | 07/11/01 |
| 10/100,683     | Non-provisional of      | 60/295,869     | 06/06/01 |
| 10/100,683     | Non-provisional of      | 60/325,209     | 09/28/01 |
| 10/100,683     | Non-provisional of      | 60/311,085     | 08/10/01 |
| 10/100,683     | Non-provisional of      | 60/330,629     | 10/26/01 |
| 10/100,683     | Non-provisional of      | 60/331,046     | 11/07/01 |
| 10/100,683     | Non-provisional of      | 60/358,554     | 02/22/02 |
| 10/100,683     | Non-provisional of      | 60/358,714     | 02/25/02 |